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## RAW SEQUENCE LISTING

DATE: 10/17/2002

PATENT APPLICATION: US/10/039,770A

TIME: 10:18:09

Input Set : A:\V00139-70050.txt

Output Set: N:\CRF4\10172002\J039770A.raw

2 <110> APPLICANT: Ward, Gary  
 3 Conant, Carolyn  
 4 Ward, Brian  
 6 <120> TITLE OF INVENTION: Toxoplasma Gondii Apical Membrane Antigen-1  
 8 <130> FILE REFERENCE: V00139.70050(HCL/MXA)  
 10 <140> CURRENT APPLICATION NUMBER: US 10/039,770A  
 C--> 12 <141> CURRENT FILING DATE: 2002-09-30  
 14 <150> PRIOR APPLICATION NUMBER: US 60/247,870  
 15 <151> PRIOR FILING DATE: 2000-11-09  
 17 <160> NUMBER OF SEQ ID NOS: 3  
 19 <170> SOFTWARE: PatentIn version 3.0  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 541  
 23 <212> TYPE: PRT  
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 32 20 25 30  
 34 Gln Thr Leu Ser Ala Ser Thr Ser Gly Asn Pro Phe Gln Ala Asn Val  
 35 35 40 45  
 37 Glu Met Lys Thr Phe Met Glu Arg Phe Asn Leu Thr His His His Gln  
 38 50 55 60  
 41 Ser Gly Ile Tyr Val Asp Leu Gly Gln Asp Lys Glu Val Asp Gly Thr  
 42 65 70 75 80  
 44 Leu Tyr Arg Glu Pro Ala Gly Leu Cys Pro Ile Trp Gly Lys His Ile  
 45 85 90 95  
 47 Glu Leu Gln Gln Pro Asp Arg Leu Pro Tyr Arg Asn Asn Phe Leu Glu  
 48 100 105 110  
 50 Asp Val Pro Thr Glu Lys Glu Tyr Lys Gln Ser Gly Asn Pro Leu Pro  
 51 115 120 125  
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 54 130 135 140  
 56 Pro Phe Pro Met Glu Leu Leu Glu Lys Asn Ser Asn Ile Lys Ala Ser  
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 59 Thr Asp Leu Gly Arg Cys Ala Glu Phe Ala Phe Lys Thr Val Ala Met  
 60 165 170 175  
 62 Asp Lys Asn Asn Lys Ala Thr Lys Tyr Arg Tyr Pro Phe Val Tyr Asp  
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 65 Ser Lys Lys Arg Leu Cys His Ile Leu Tyr Val Ser Met Gln Leu Met  
 66 195 200 205  
 68 Glu Gly Lys Lys Tyr Cys Ser Val Lys Gly Glu Pro Pro Asp Leu Thr

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77 Lys Cys Pro Asn Gln Ala Leu Arg Gly Tyr Arg Phe Gly Val Trp Lys
78      260      265      270
80 Lys Gly Arg Cys Leu Asp Tyr Thr Glu Leu Thr Asp Thr Val Ile Glu
81      275      280      285
83 Arg Val Glu Ser Lys Ala Gln Cys Trp Val Lys Thr Phe Glu Asn Asp
84      290      295      300
86 Gly Val Ala Ser Asp Gln Pro His Thr Tyr Pro Leu Thr Ser Gln Ala
87 305      310      315      320
89 Ser Trp Asn Asp Trp Trp Pro Leu His Gln Ser Asp Gln Pro His Ser
90      325      330      335
92 Gly Gly Val Gly Arg Asn Tyr Gly Phe Tyr Tyr Val Asp Thr Thr Gly
93      340      345      350
95 Glu Gly Lys Cys Ala Leu Ser Asp Gln Val Pro Asp Cys Leu Val Ser
96      355      360      365
98 Asp Ser Ala Ala Val Ser Tyr Thr Ala Ala Gly Ser Leu Ser Glu Glu
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101 Thr Pro Asn Phe Ile Ile Pro Ser Asn Pro Ser Val Thr Pro Pro Thr
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104 Pro Glu Thr Ala Leu Gln Cys Thr Ala Asp Lys Phe Pro Asp Ser Phe
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111      435      440      445
113 Asn Glu Cys Gly Ser Asn Thr Ala Leu Ile Ala Gly Leu Ala Val Gly
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117 465      470      475      480
119 Arg Leu Asp Arg Asn Lys Gly Val Gln Ala Ala His His Glu His Glu
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122 Phe Gln Ser Asp Arg Gly Ala Arg Lys Lys Arg Pro Ser Asp Leu Met
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223 <211> LENGTH: 21
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227 <400> SEQUENCE: 3
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232 Met Gln Glu Ala Cys
233 20

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VERIFICATION SUMMARY                      DATE: 10/17/2002  
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